

OR RAPPEL-KROYZER

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RESEARCH PROFILE

I am a digital humanities scholar and political historian of the United States whose research combines computational methods with historical inquiry. Drawing on a background in engineering and data science, I develop and apply data-driven approaches to the study of politics, public discourse, and collective memory in U.S. history. My work focuses especially on the use of large-scale textual and relational data to address historical questions that are difficult to examine through conventional methods alone.

ACADEMIC POSITIONS

2026– present	Postdoctoral Fellow Huntington-USC Center for California and the West Host: Prof. William Deverell
2025–present	Fellow Tel Aviv University, Center for Applied Research and Risks to Democracy
2025–2026	Postdoctoral Fellow Hebrew University of Jerusalem, Center for Digital Humanities Hosts: Prof. Renana Keydar and Dr. Barak Sober
2022–2026	Chief Data Scientist Hebrew University of Jerusalem, Center for Interdisciplinary Data Science Research (CIDR)

EDUCATION

2026	PhD Tel Aviv University, School of History Supervisor: Prof. Yael Sternhell Dissertation: <i>This Tale Happened Once upon a Time: Remembering the Civil War in California, 1865–2020</i>
2019	MA, Magna cum Laude Tel Aviv University, History Supervisor: Prof. Yael Sternhell Thesis: <i>The California Democratic Party on the Eve of the Civil War—Anatomy of Failure</i>
2012	BA, Magna cum Laude Open University of Israel, History President's Honors List (top 1%)
2005	BSc, Magna cum Laude Hebrew University of Jerusalem, Mathematics, Computer Science, and Jewish Philosophy Amirim Honors Program; Rector's Prize (top 1%)

PUBLICATIONS AND MANUSCRIPTS

Peer-Reviewed Publications

- 2026 **Rappel-Kroyzer, O.** "The Lost Cause in the Golden State: The California UDC and the Erasure of California's Civil War History." *Journal of the Civil War Era*, forthcoming December 2026. (IF 1.2, 19/554 history journals)
- 2023 Sommer, U., and **Rappel-Kroyzer, O.** "Geographical Analysis of Political Epidemiology: Spatial Quantification of Simultaneity between Politics and Pandemics." *Political Geography*, 106(27): 102939.
<https://doi.org/10.1016/j.polgeo.2023.102939>. (IF 4.7, 9/318 political science journals)
- Sommer, U., **Rappel-Kroyzer, O.**, Adamczyk, A., Lerner, L., and Weiner, A. "The Political Ramifications of Judicial Institutions: Establishing a Link between Dobbs and Gender Disparities in the 2022 Midterms." *Socius: Sociological Research for a Dynamic World*, 9.
<https://doi.org/10.1177/23780231231177157>. (IF 3.0, 27/218 sociology journals)
- 2022 Sommer, U., and **Rappel-Kroyzer, O.** "Pandemic Politics in the USA." *Political Psychology*, 43(4), 769–792.
<https://doi.org/10.1111/pops.12792>. (IF 4.6, 19/315 political science journals)
- Sommer, U., and **Rappel-Kroyzer, O.** "Online Coverage of the COVID-19 Outbreak in Anglo-American Democracies: Internet News Coverage and Pandemic Politics in the USA, Canada, and New Zealand." *Information Technology and Politics*, 19(4), 393–410.
<https://doi.org/10.1080/19331681.2021.1997869>. (IF 2.3, 93/315 political science journals)

Submitter Manuscripts

- 2026 **Rappel-Kroyzer, O.** "Autocracy by Delegation: Non-Territorial Autocratic Enclaves and the Misuse of Multicultural Accommodation" Manuscript submitted to the *American Political Science Review*.
- Rappel-Kroyzer, O.**, Keinan, R., Horovitz, K. Kwartaz-Avraham, N., Shizgel, E. Shtaubert, D., Aronson, O., Bar-Siman-Tov, I., Keydar, R., Tsarfaty, R., Lavi, L. "Measurement Abundance: Large Language Models, Political Measurement, and the Case of Deliberative Quality" Research note submitted to *Political Science Research and Methods*.

Work in Progress

- 2026 **Rappel-Kroyzer, O.** "Empty Memorialization: Geographic Names and the Decay of Collective Memory." Manuscript submitted to *History and Memory*.
- Rappel-Kroyzer, O.**, Livermore, M., Sober, B., Rockmore, D., "Decomposing Polarization." In preparation.

FELLOWSHIPS, AWARDS, AND GRANTS

2026	Rothschild Postdoctoral Fellowship Yad Hanadiv (Rothschild) Foundation
2024	PhD Excellence Grant FFHEC (Pedagogica)
2024	Special Support Grant for the October 7 Archive Dan David Foundation
2022, 2023	PhD Grant Tel Aviv University School of History
2018, 2019, 2020	Excellence Grant Tel Aviv University Center for the Study of the United States

TEACHING

2026	"Digital History in the Age of AI" BA course, History / Digital Humanities, Hebrew University of Jerusalem
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SELECTED CONFERENCE PRESENTATIONS

2026	International Society of Public Law Annual Conference (ICON-S), paper on non-territorial autocratic enclaves
2026	Society of Civil War Historians Biennial Meeting, dissertation presentation
2026	Israeli Conference on Digital Humanities and Social Studies, paper on the use of digital tools to measure discourse
2021–2025	American Political Science Association Annual Meeting, papers on political behavior and its intersection with other aspects of behavior
2024	DH2024, paper on spatial analysis of Civil War memory
2024	Israeli Data Science and AI Initiative Annual Conference

PUBLIC SCHOLARSHIP

2024–2025	The Kroyzer Project Co-founder https://www.thekroyzerproject.com/
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PATENTS

2022	Rabani, M.; Ben-Hamo, M.; Schwartz, M.; Rosenberg-Biton, E.; Shay, Y.; Rappel-Kroyzer, O. "Systems and Methods for Monitoring Lane Mark Quality." WO2022149046A1. Bolless, E.; Karavany, I.; Neuhofer, B.; Rappel-Kroyzer, O. ; Shpigelman, S.; Ben-Ami, H.; Aviad, E. "Systems and Methods for Determining Road Safety." WO2021096935A2.
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2020

Rappel-Kroyzer, O.; Raphael, A.; Karavany, I.; Kom, S.; Chanovsky, A.; Avidan, E.; and Bolless, E. "Clustering Event Information for Vehicle Navigation." WO2020154599.

SELECTED INDUSTRY EXPERIENCE

2017–2022	Mobileye — Technology Lead, Geographic Dynamic Data Analysis and GIS
2011–2016	BrightSource — Senior Director, Power Generation Modeling
2010–2011	AlgoSec — Manager, Software Infrastructure
2006–2010	BHive Networks / VMware — Team Leader, Machine Learning
2005–2006	Kashya / EMC — Software Engineer